

**Application Data Sheet Information**

Application Type:	Utility
Subject Matter:	Amplifier
Title:	Asymmetric, Optimized Common-Source Bi-Directional Amplifier
Attorney Docket Number:	P1535
Request for Early Publication:	No
Request for Non-Publication:	No
Suggested Drawing Figure:	2
Total Drawing Sheets:	8
Small Entity:	No

**Inventor Information**

Inventor Authority type:	First Inventor
Primary Citizenship Country:	USA
Status:	Full Capacity
Given Name:	Jeffrey
Middle Name/Initial:	Ming-Jer
Family Name:	Yang
City of Residence:	Cerritos
Country of Residence:	USA
Street address:	11445 Stapleton Court
City:	Cerritos
State or Province:	California
Postal or Zip Code:	90703

Inventor Authority type:	Second Inventor
Primary Citizenship Country:	USA
Status:	Full Capacity
Given Name:	Matt
Middle Name/Initial:	
Family Name:	Nishimoto
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Country of Residence:	USA
Street address:	2261 233 <sup>rd</sup> Street
City:	Torrance
State or Province:	California
Postal or Zip Code:	90501

Inventor Authority type:	Third Inventor
Primary Citizenship Country:	USA
Status:	Full Capacity
Given Name:	Yun-Ho
Middle Name/Initial:	
Family Name:	Chung
City of Residence:	Redondo Beach
Country of Residence:	USA
Street address:	2704 Ruhland Avenue #2
City:	Redondo Beach
State or Province:	California
Postal or Zip Code:	90278

Inventor Authority type:	Fourth Inventor
Primary Citizenship Country:	USA
Status:	Full Capacity
Given Name:	Michael
Middle Name/Initial:	
Family Name:	Battung
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Country of Residence:	USA
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City:	Torrance
State or Province:	California
Postal or Zip Code:	90503

Inventor Authority type:	Fifth Inventor
Primary Citizenship Country:	USA
Status:	Full Capacity
Given Name:	Richard
Middle Name/Initial:	
Family Name:	Lai
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**Correspondence Information**

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**Representative Information**

Designation:	Registration number:	Name:
Primary	Customer Number: 24394	LaRiviere, Grubman & Payne, LLP

**Assignee Information**

Assignee Name:	Northrop Grumman Space & Mission Systems Corporation
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State or Province:	California
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